

PLAN

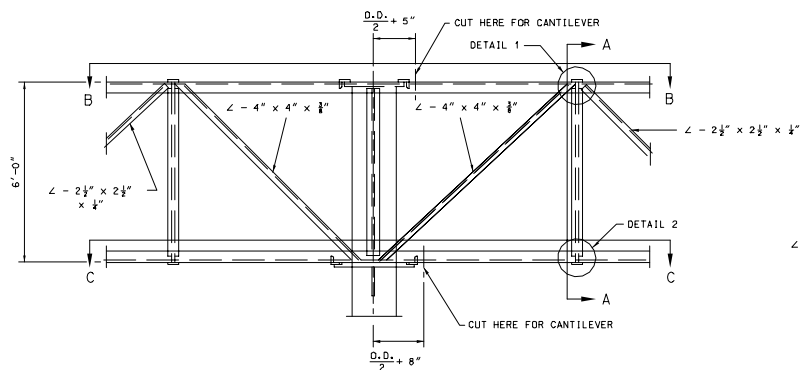
DETAILS OF BUTTERFLY AND CANTILEVER TRUSS

GENERAL NOTES:

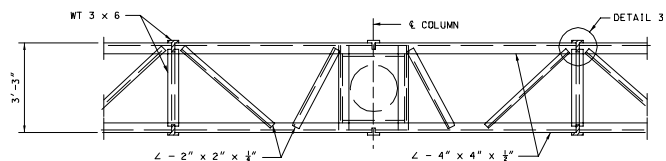
ALL FASTENERS SHALL HAVE A HARDENED WASHER UNDER THE NUT OR BOLT HEAD, WHICHEVER IS TURNED IN TIGHTENING.

ZINC CHROMATE PRIMER SHALL MEET THE REQUIREMENTS OF FEDERAL SPECIFICATION TT-P-645 OR TT-P-1757 AND SHALL BE ACCEPTED ON THE BASIS OF THE LABEL SHOWING CONFORMANCE OR A MANUFACTURER'S CERTIFICATION.

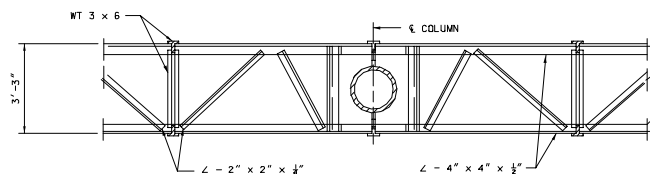
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
	OVERHEAD SIGN TRUSSES BUTTERFLY & CANTILEVER STRUCTURAL STEEL		
DATE: _____	EFFECTIVE: 07-01-2002	903.12T	1 5



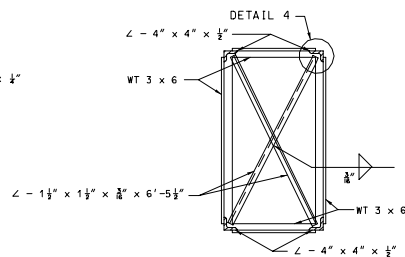
PART ELEVATION OF BUTTERFLY TRUSS



SECTION B-B

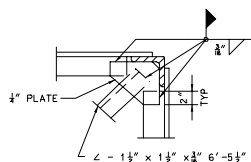


SECTION C-C

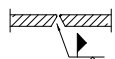


SECTION A-A

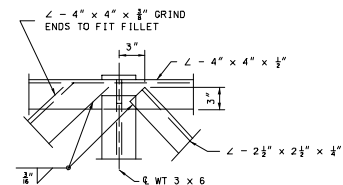
NOTE: SHRINK $L - 1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{3}{8}''$ IF NECESSARY TO TAKE UP DISTORTIONAL SLACK.



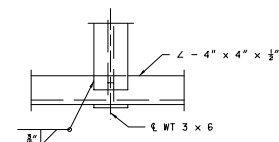
SECTION E-E
(SPlice ONLY)



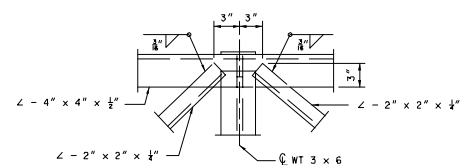
SECTION D-D



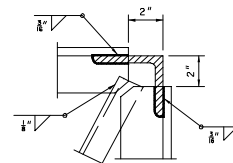
DETAIL 1



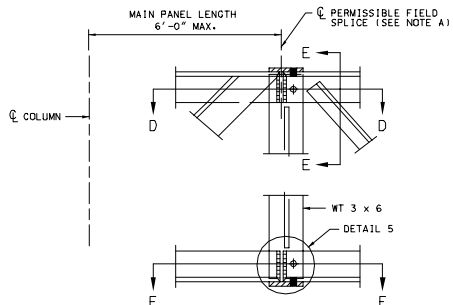
DETAIL 2



DETAIL 3

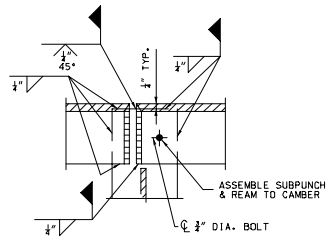


DETAIL 4



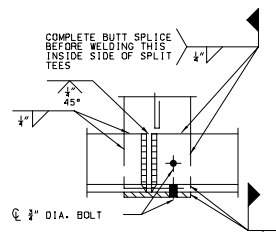
LOCATION OF FIELD SPLICE

NOTE "A": SPlicing A CHORD ANGLES IN THE SHOP AND THE FIELD SPLICE SHOWN IN THIS SHEET WILL NOT BE ALLOWED WITHOUT SPECIAL PERMISSION. IF PERMISSION IS GRANTED SUCH SPLICES SHALL BE LOCATED AT THE CENTER LINE OF MAIN PANEL POINT NEXT TO COLUMN.



SECTION F-F

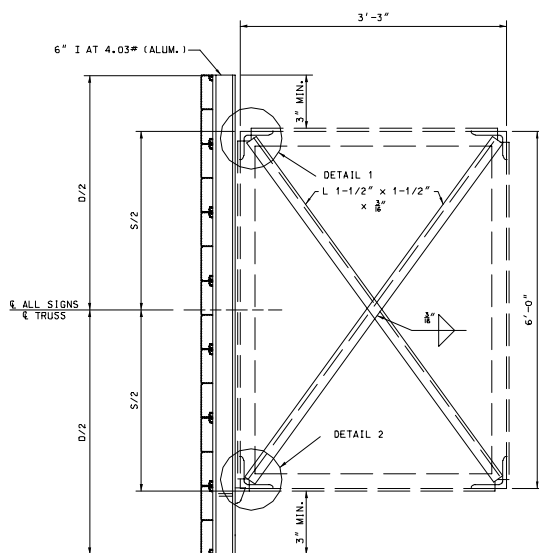
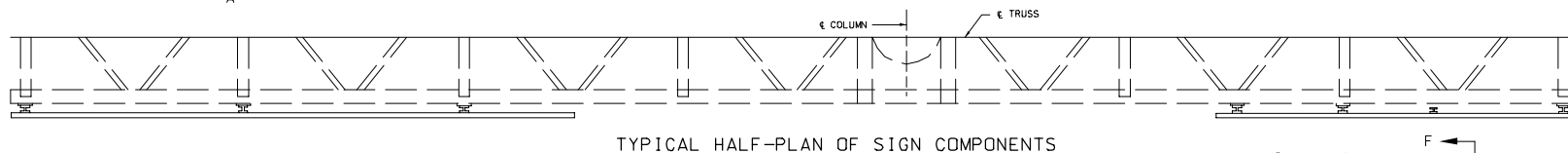
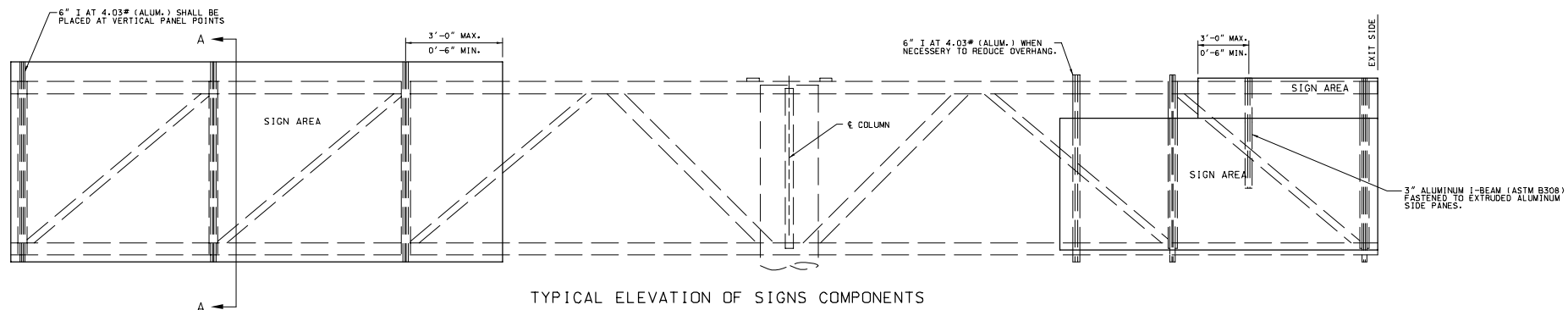
NOTE: 3/8" DIA. BOLTS SHALL BE REMOVED AFTER WELDING IS COMPLETE. BOLT HOLES SHALL BE PLUGGED AND THE OUTSIDE FACE GROUND SMOOTH.



DETAIL 5

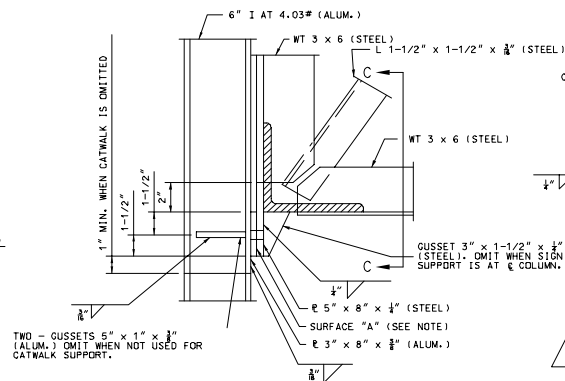
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OVERHEAD SIGN TRUSSES BUTTERFLY & CANTILEVER STRUCTURAL STEEL			
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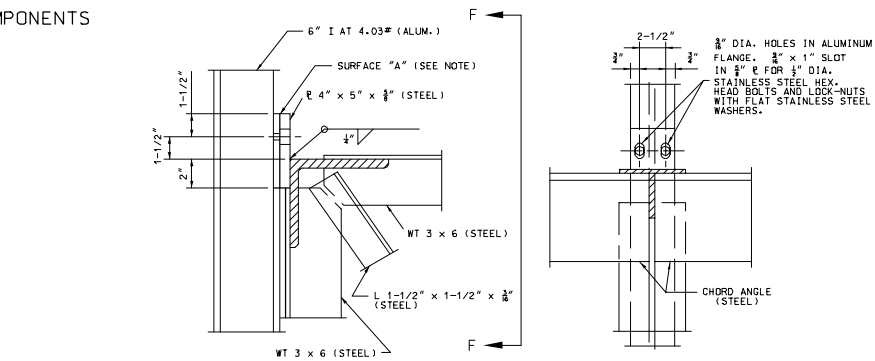


TYPICAL SECTION OF SIGN SUPPORT

NOTE: "D" = GREATEST OVERALL DEPTH OF ANY SIGNS ON TRUSSES.



DETAIL 2



DETAIL 1

NOTE: SURFACE "A", ZINC CHROMATE ON ALUMINUM SURFACES. NORMAL CLEANING AND PAINTING ON STEEL SURFACES. ZINC CHROMATE IS NOT REQUIRED WHEN STEEL IS GALVANIZED.

SECTION F-F

GENERAL NOTES:

- EXIT NO. PANELS SHALL BE MOUNTED FLUSH WITH THE EXIT SIDE OF THE GUIDE SIGN
- ALL SIGNS SHALL BE CENTERED VERTICALLY ABOUT THE HORIZONTAL C OF THE TRUSS.
- SEE STANDARD PLAN 903.09 FOR LIGHTING DETAILS IF LIGHTING THE SIGN IS NECESSARY.
- SEE STANDARD PLAN 903.03 FOR SIGN MOUNTING DETAILS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
OVERHEAD SIGN TRUSSES			
STRUCTURAL STEEL			
BUTTERFLY & CANTILEVER			
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